

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/18/2011

Erik Bennett
Assistant District Attorney, Suffolk County

Dear ADA Bennett,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".
Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

* Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory
Chemist I (October 2005 – March 2008)
Chemist II (March 2008 – present)
-Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
-Successfully completed GC/MS training program
-Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
-Responsible for maintenance and repairs of analytical instruments
-Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory
Forensic Internship, January 2005
-Conducted research on the presumptive testing of saliva
-Conducted research on the identification and detection of lubricants
-Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
-Daily use of FTIR microscope and DuraSamplerII
-Familiarized with GC/MS programs



DRUG RECEIPT

CC # _____
BOOK # 30
PAGE # 71
DESTRUCTION # _____

District/Unit H7 DCW

Name & Rank of Arresting Officer Det. J. McCarthy ID# 11715

To be completed by ECU personnel only

Name and Rank of Submitting Officer _____ ID# _____

Received by John Date 10/3/90

Date 10-3-70

ECU Control # _____

No. [REDACTED]

Date Analyzed:

12-30-10

City: Boston D.C.U. Police Dept.

Officer: P.O. Diana Lopez

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: napkin

Date Rec'd: 10/05/2010

No. Analyzed:

Gross Wt.: 6.09

Net Weight: 0.10

Tests: 6 250

• 2 DJR

Prelim: Cocaine (C)

Findings: Cocaine

No. [REDACTED]

Date Analyzed:

12-30-10

City: Boston D.C.U. Police Dept.

Officer: P.O. Diana Lopez

Def: [REDACTED]

Amount:

Subst: BRKN TAB

No. Cont: 1 Cont: napkin

Date Rec'd: 10/05/2010

No. Analyzed:

Gross Wt.: 7.67

Net Weight: 1.38

Tests: 6 250

• 2 DJR

Prelim: Buprenorphine B

Findings:

Buprenorphine

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST A52

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): 2.1826

OFF white shiny substance
in 1 napkin

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.1061

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold Chloride +

TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 12-28-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS OPERATOR DJR

DATE 12-30-10

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ADJ

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

2 orange bouclat net
17 - ps

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 1.386g

(N) (S)

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) -

Marquis Purple

Froehde's Purple

Mecke's -

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

Dilute = -

GC = +

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 12-28-10

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS
OPERATOR DSR

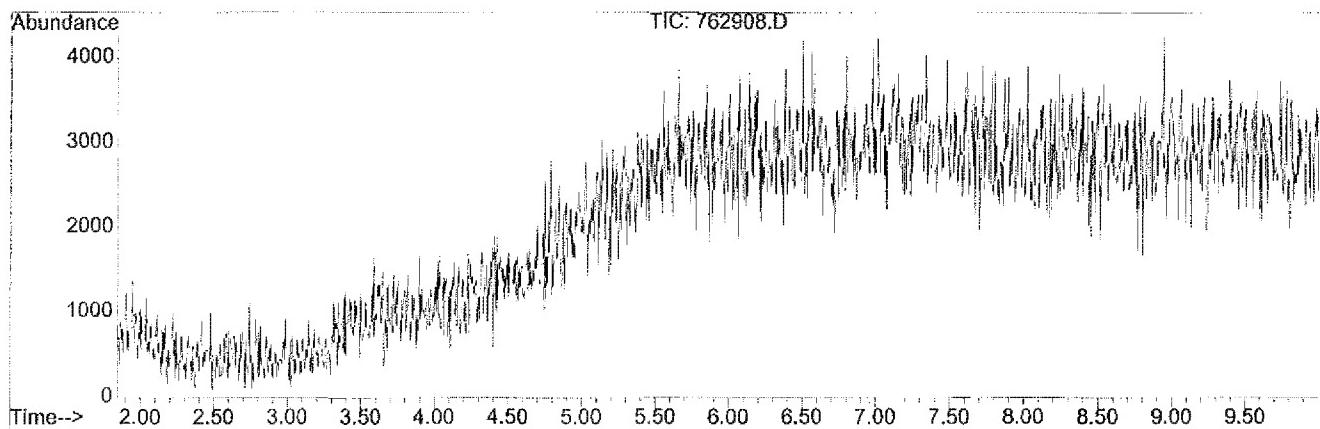
DATE 12-30-10

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762908.D
Operator : DJR
Date Acquired : 29 Dec 2010 13:07
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

*✓DJR
11-14-11*



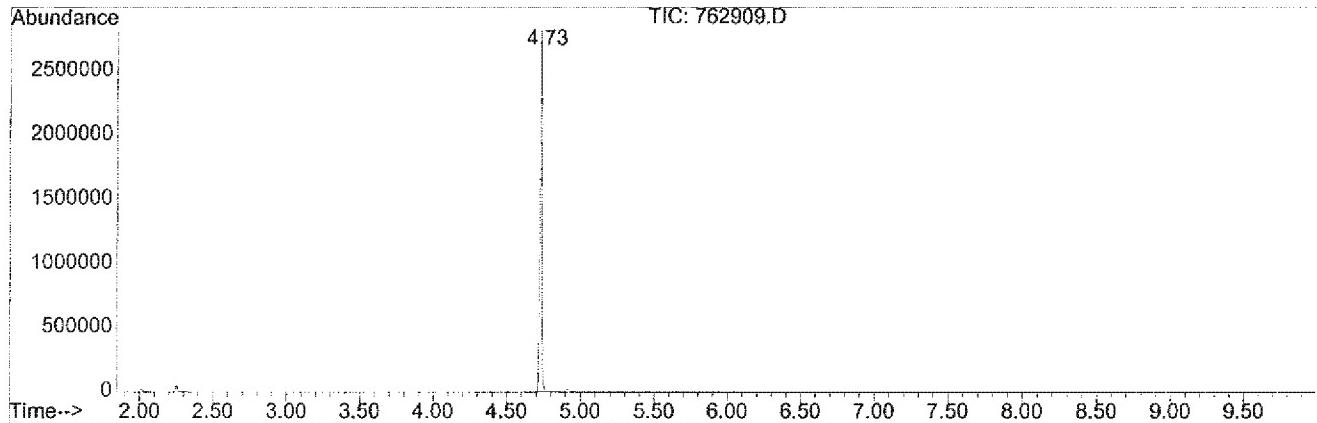
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762909.D
Operator : DJR
Date Acquired : 29 Dec 2010 13:21
Sample Name : COCAINE STD
Submitted by :
Vial Number : 9
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.726	2732253	100.00	100.00

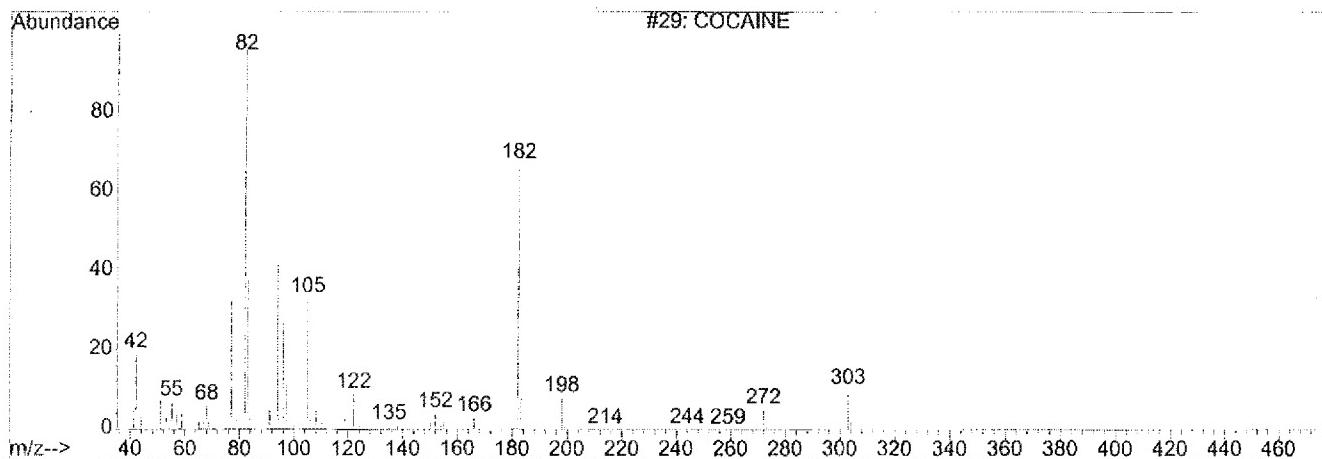
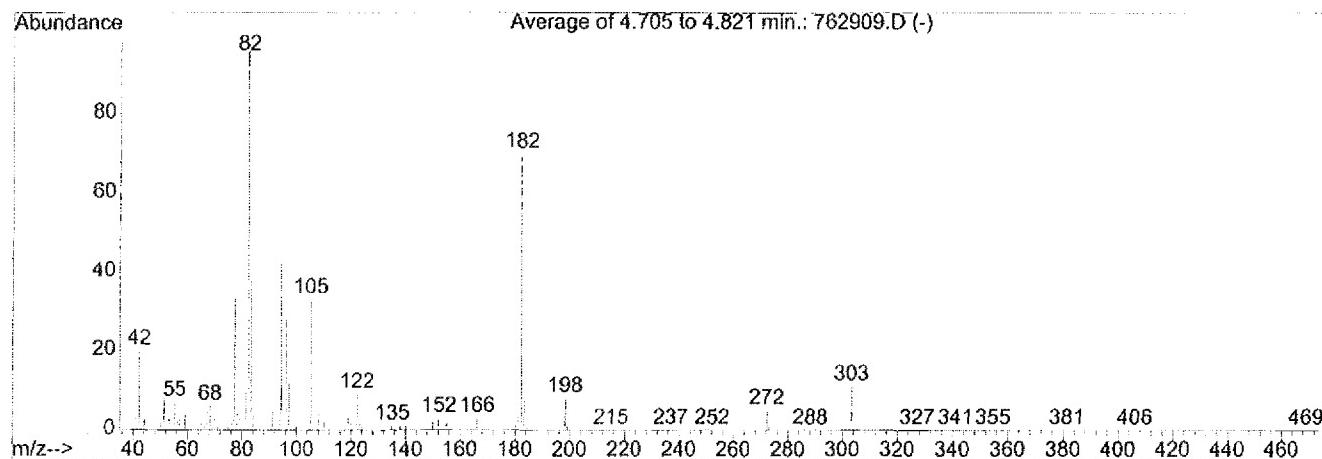
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762909.D
Operator : DJR
Date Acquired : 29 Dec 2010 13:21
Sample Name : COCAINE STD
Submitted by :
Vial Number : 9
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

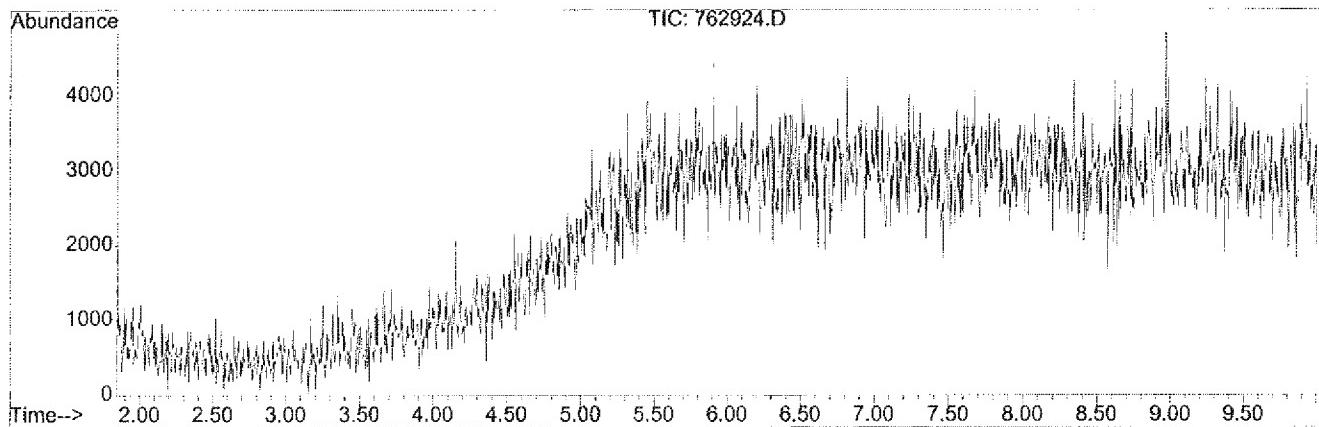
PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762924.D
Operator : DJR
Date Acquired : 29 Dec 2010 16:46
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



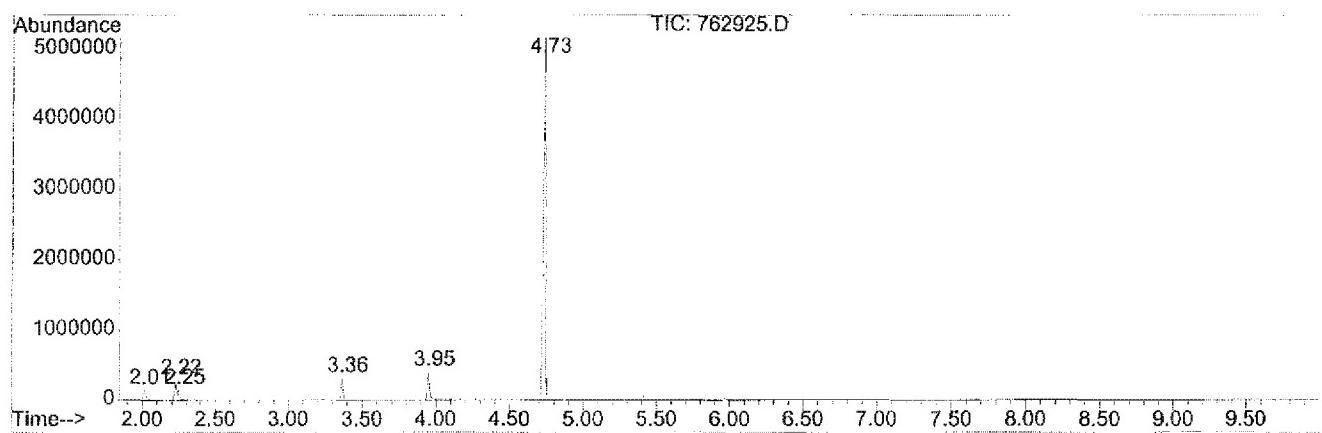
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 25
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.013	185814	2.64	3.26
2.225	288058	4.10	5.05
2.251	126941	1.80	2.22
3.362	305037	4.34	5.35
3.949	421800	6.00	7.39
4.732	5706192	81.12	100.00

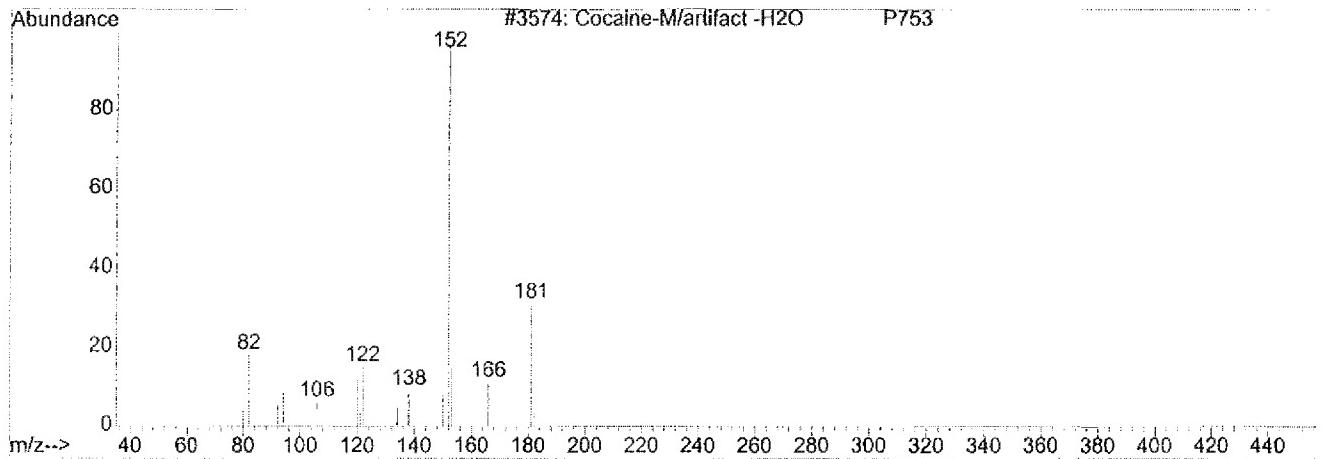
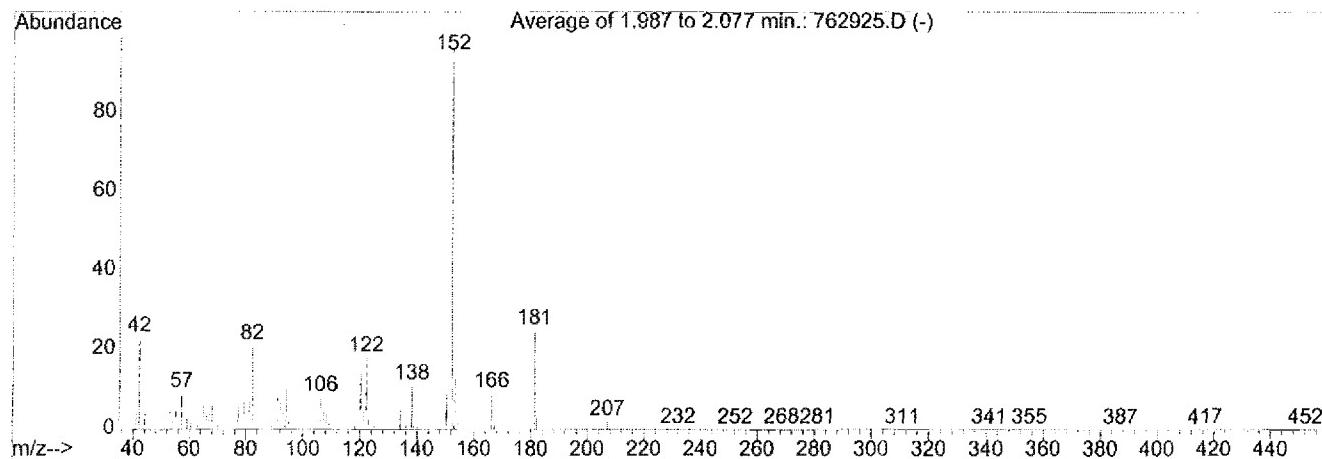
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 25
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	2.01	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	97
		MDA-M (desmethylenyl-methyl-) ME	@ 000000-00-0	38
		Vanillin AC	000000-00-0	23



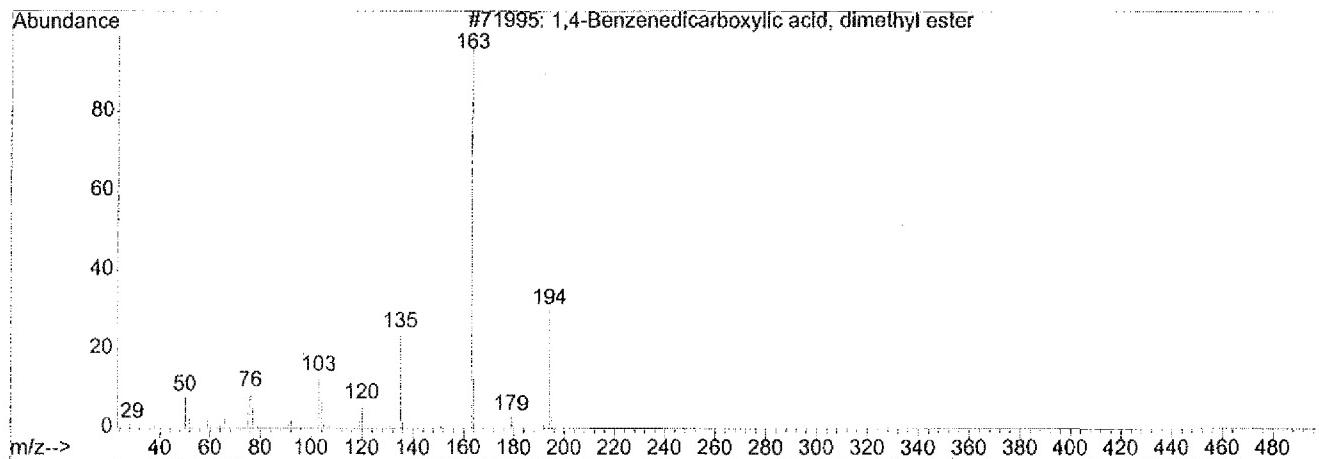
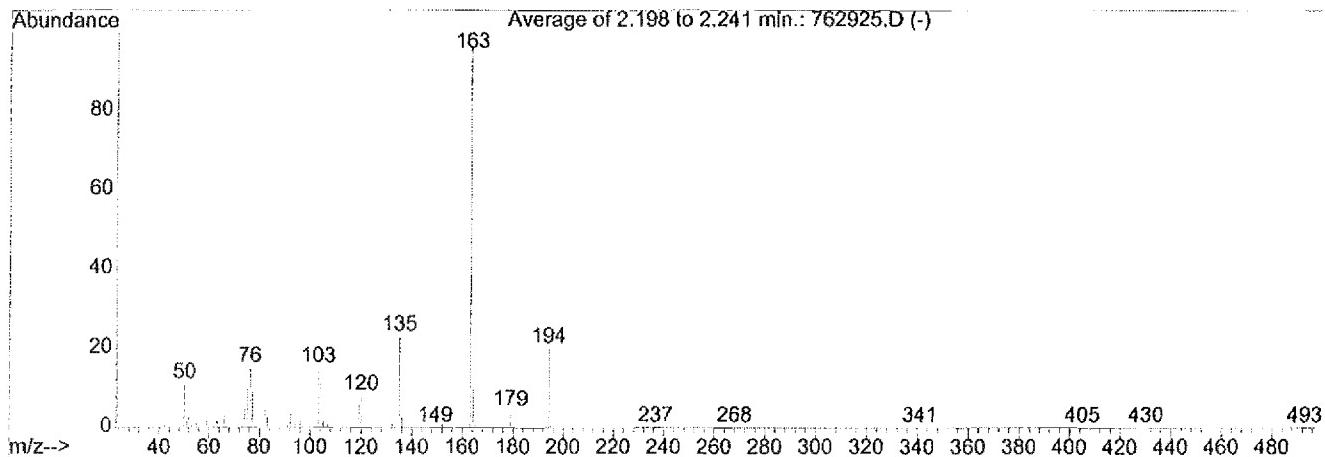
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 25
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	2.22	C:\DATABASE\NIST98.L		
		1,4-Benzenedicarboxylic acid, dimet	000120-61-6	96
		1,4-Benzenedicarboxylic acid, dimet	000120-61-6	96
		1,4-Benzenedicarboxylic acid, dimet	000120-61-6	95



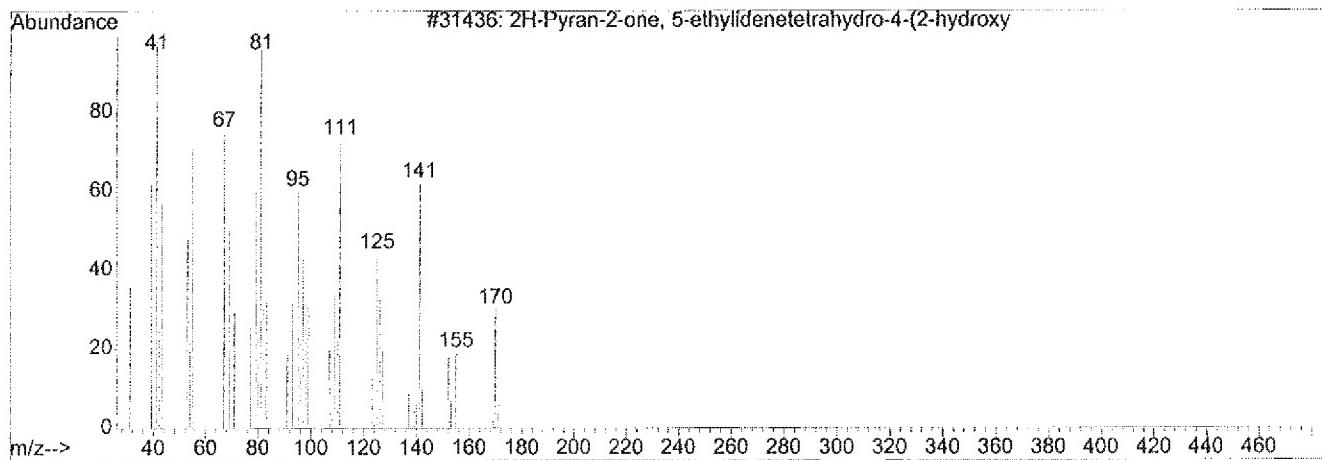
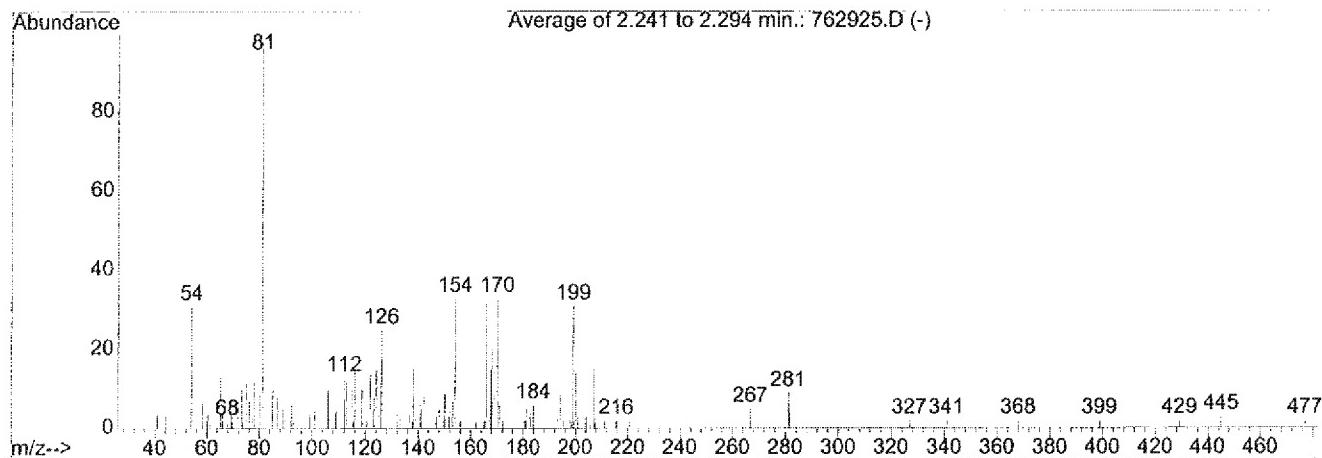
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
 Operator : DJR
 Date Acquired : 29 Dec 2010 17:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 25
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
3	2.25	C:\DATABASE\NIST98.L		
		2H-Pyran-2-one, 5-ethylidenetetrahy	038965-49-0	30
		Cyclopentaneacetic acid, 2-carboxy-	001140-18-7	27
		Cyclopenta[c]pyran-1(3H)-one, hexah	017672-96-7	17



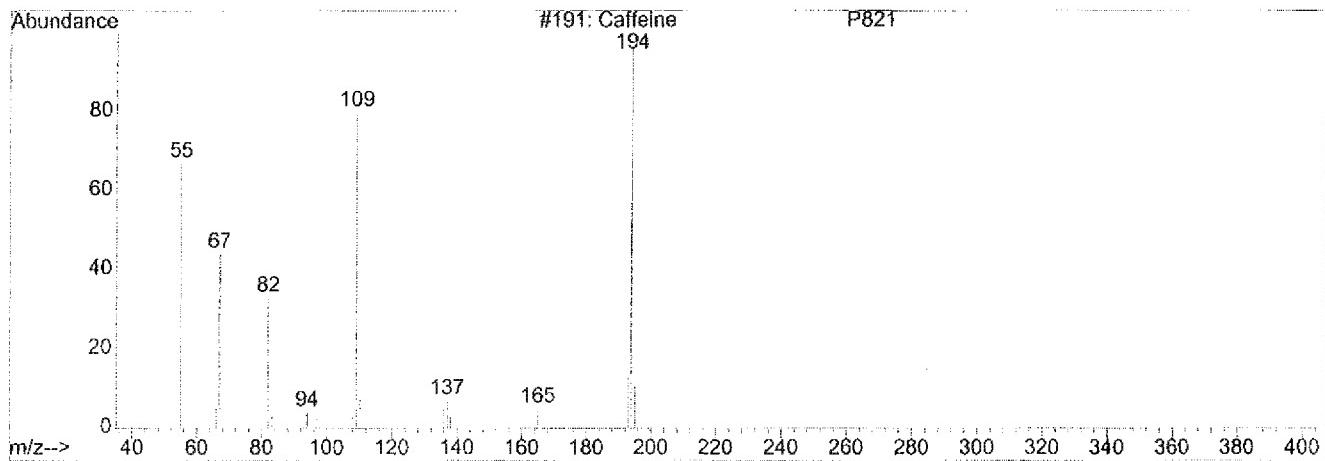
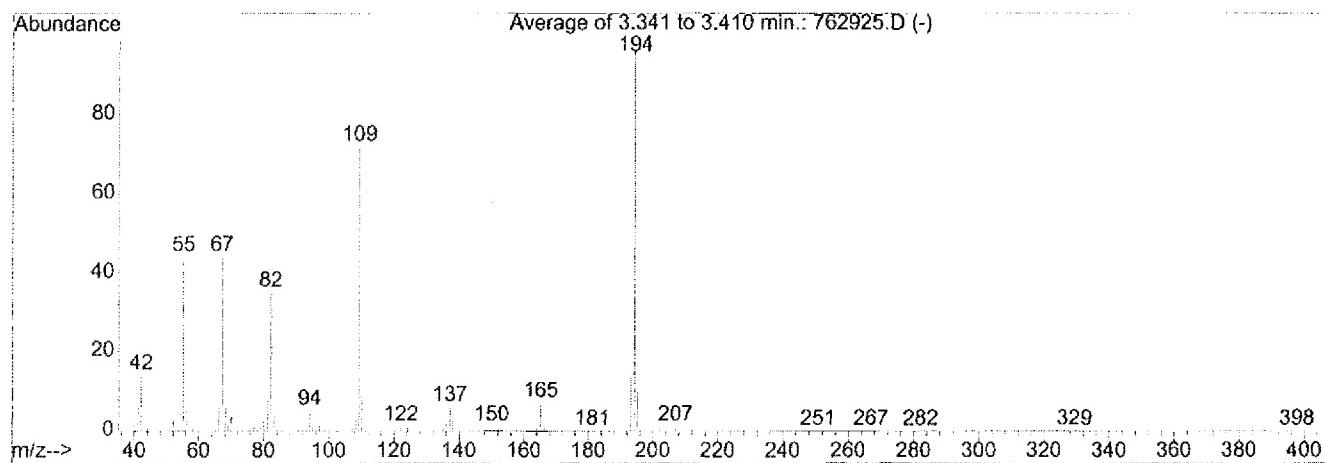
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 25
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
4	3.36	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	93
		Dichlorvos	000062-73-7	9
		Endogenous biomolecule 2AC	000000-00-0	7



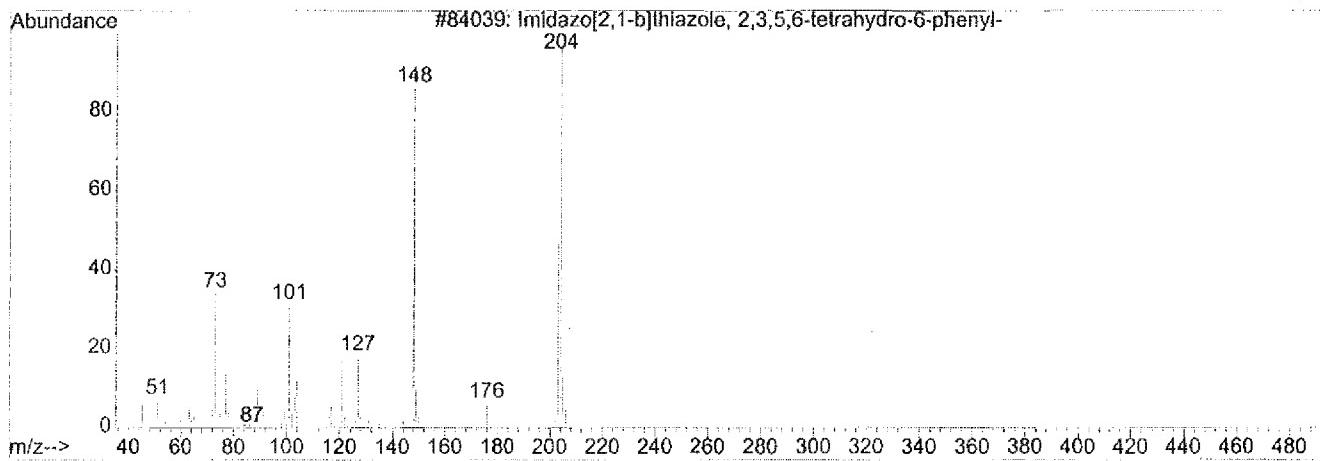
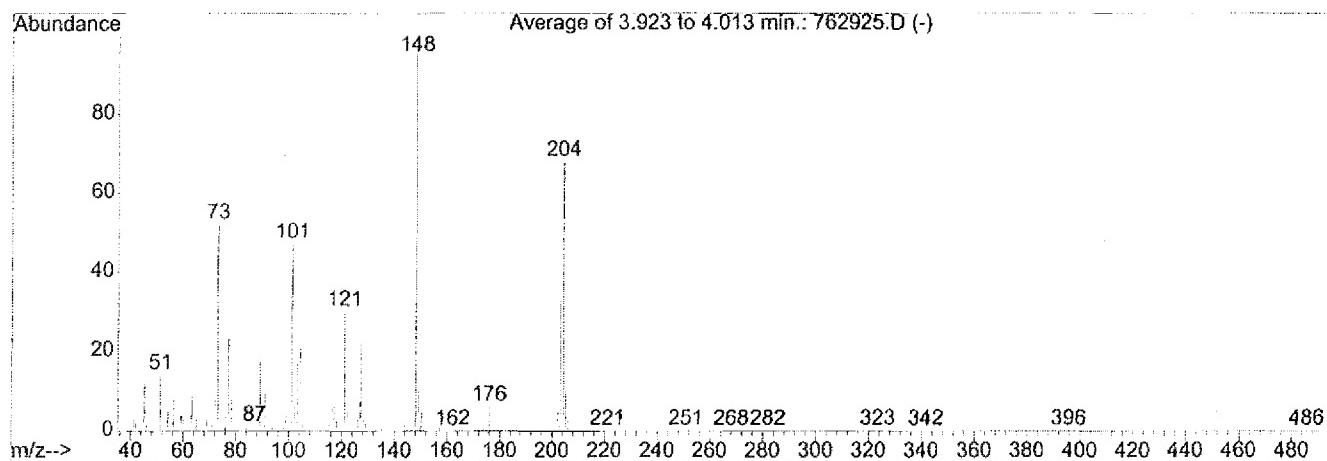
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 25
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
5	3.95	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



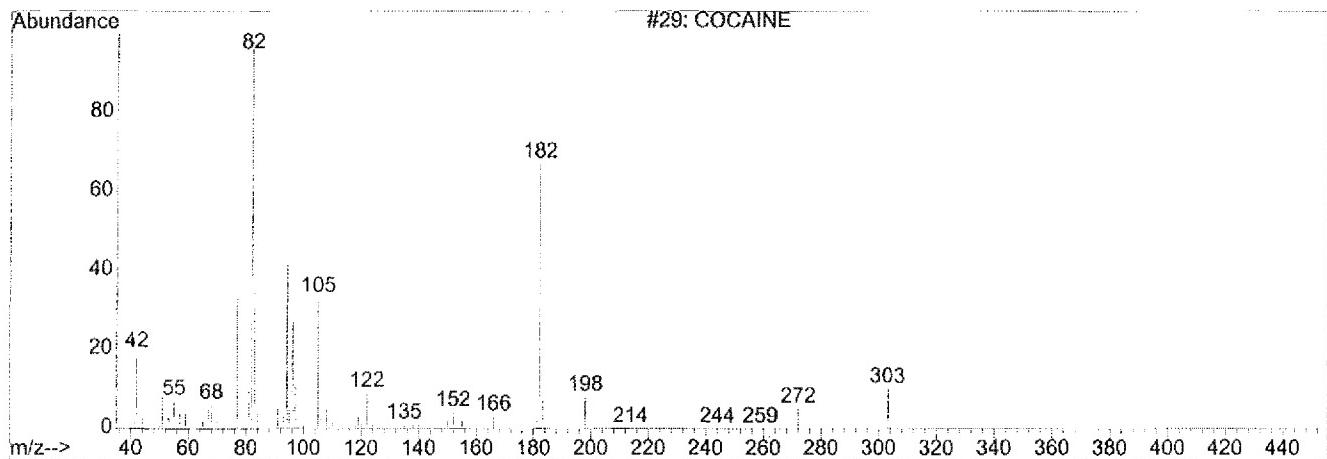
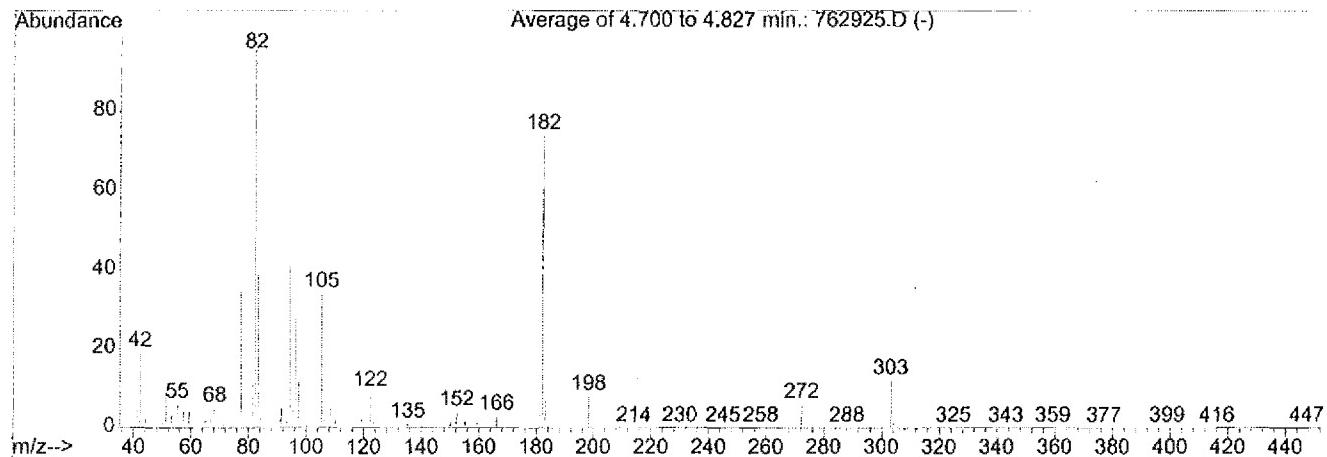
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 25
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

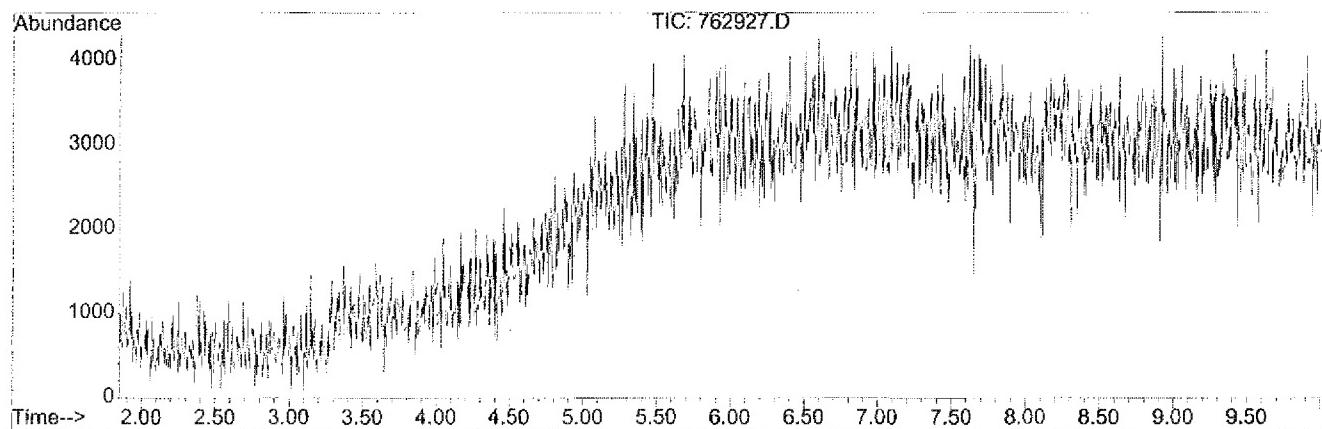
PK#	RT	Library/ID	CAS#	Qual
6	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762927.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:27
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



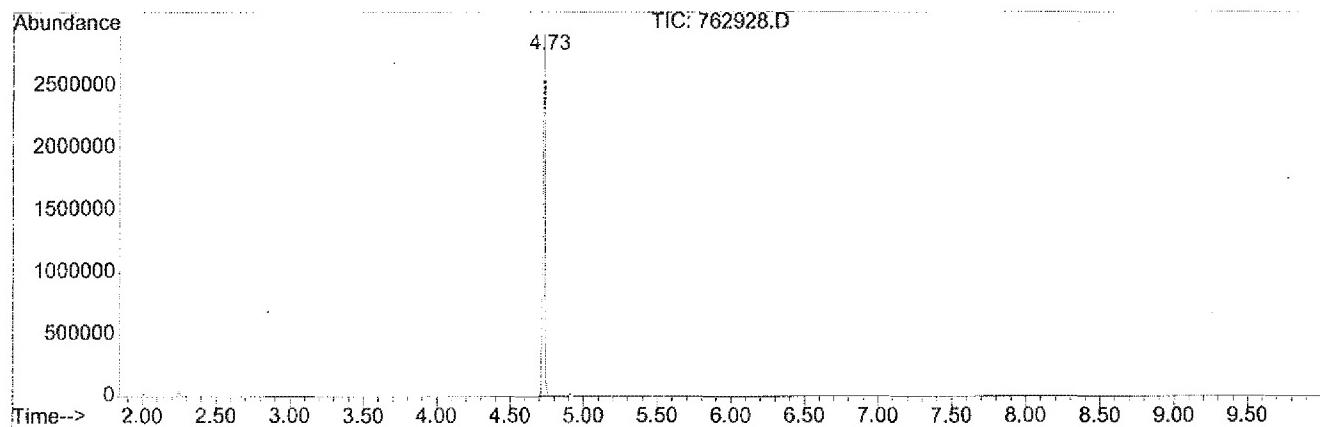
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762928.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:40
Sample Name : COCAINE STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.726	2954139	100.00	100.00

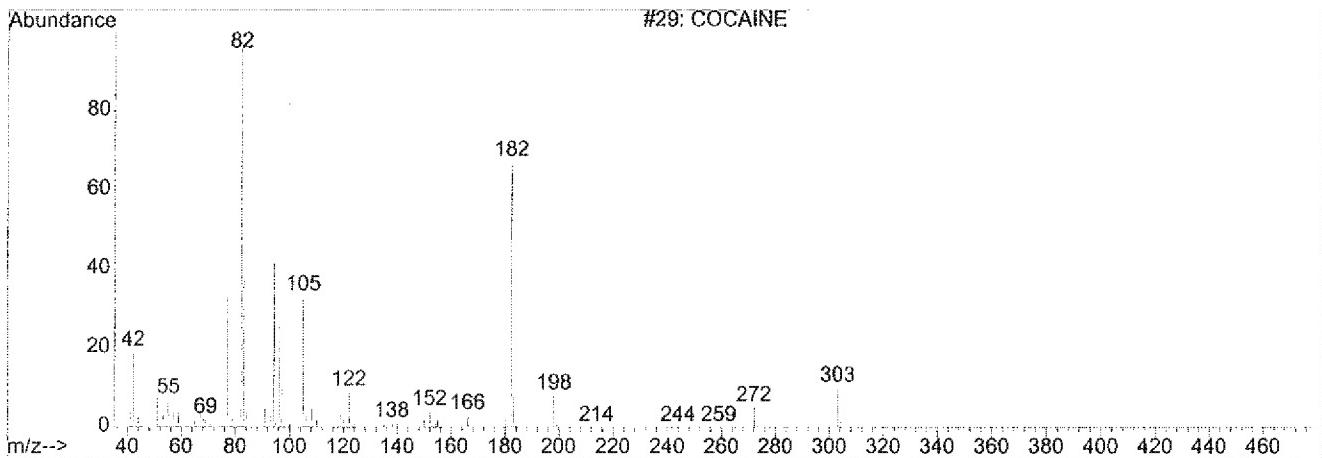
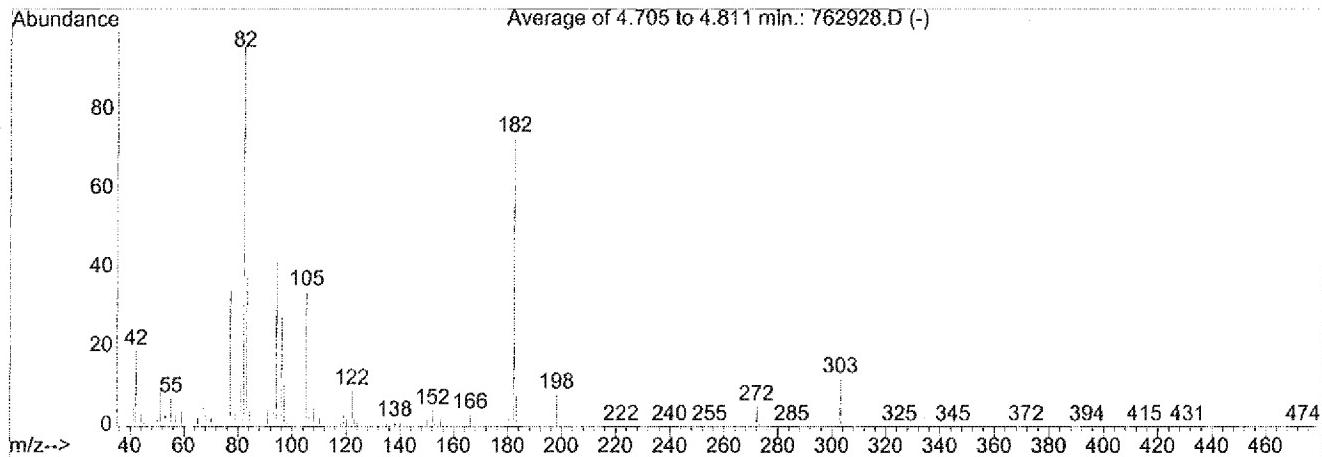
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762928.D
Operator : DJR
Date Acquired : 29 Dec 2010 17:40
Sample Name : COCAINE STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

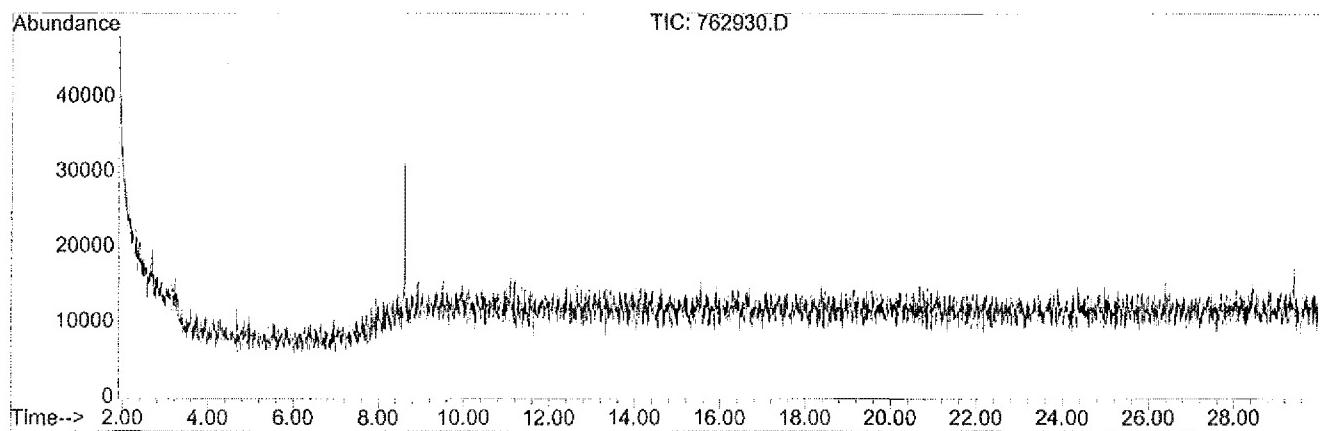
PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762930.D
Operator : DJR
Date Acquired : 29 Dec 2010 18:08
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: WSCREEN
Integrator : RTE



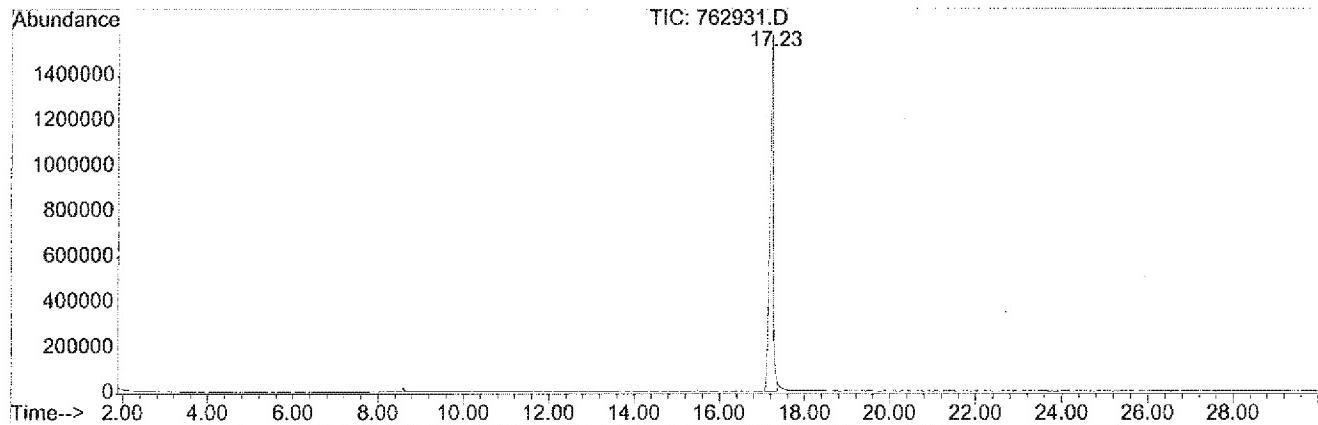
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762931.D
Operator : DJR
Date Acquired : 29 Dec 2010 18:42
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 31
AcquisitionMeth: WSCREEN
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
17.225	8465914	100.00	100.00

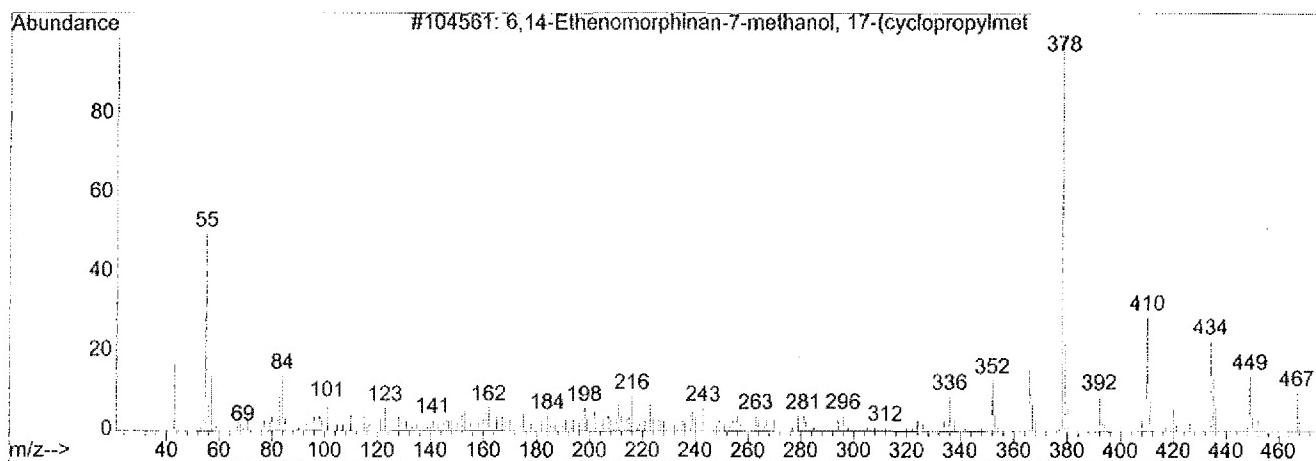
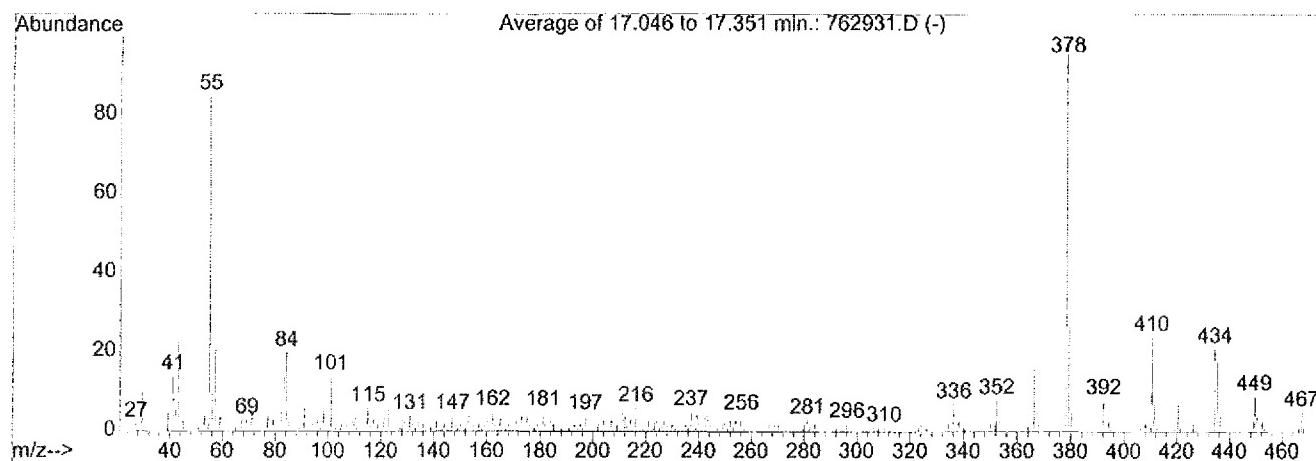
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762931.D
 Operator : DJR
 Date Acquired : 29 Dec 2010 18:42
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 31
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

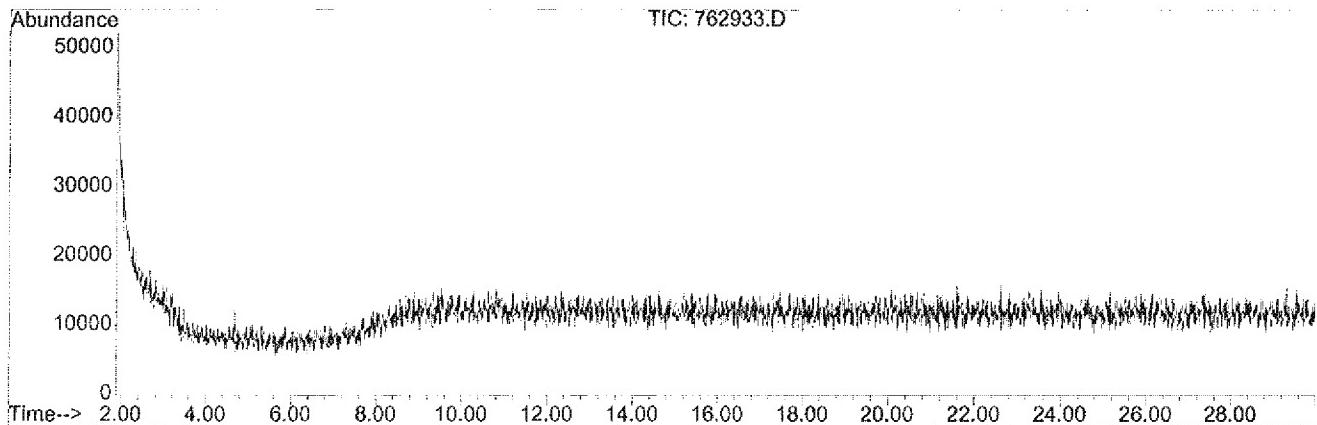
PK#	RT	Library/ID	CAS#	Qual
1	17.23	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	97
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	49



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762933.D
Operator : DJR
Date Acquired : 29 Dec 2010 19:50
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: WSCREEN
Integrator : RTE



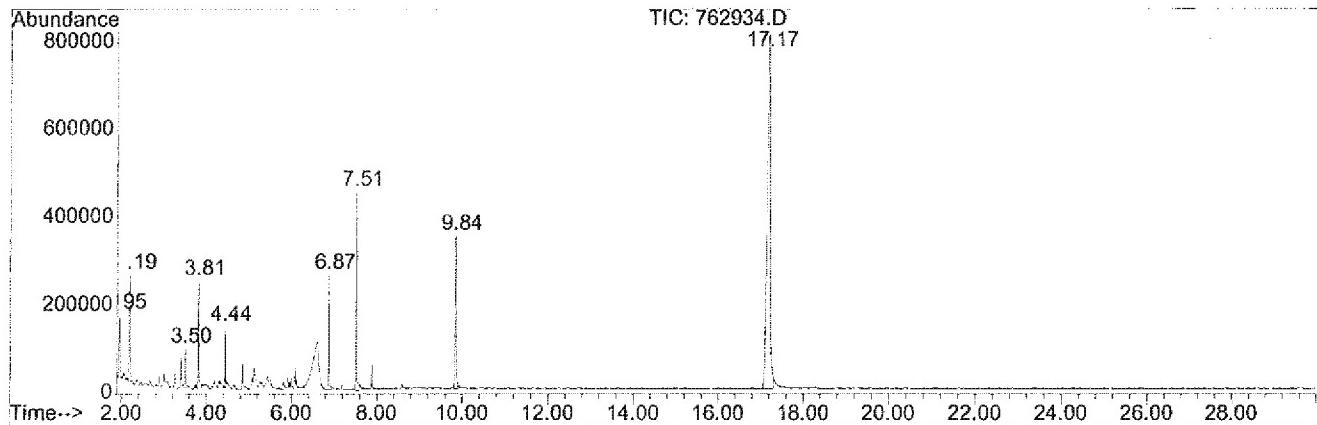
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.953	234855	3.59	5.81
2.186	395460	6.05	9.78
3.503	109292	1.67	2.70
3.814	289950	4.44	7.17
4.436	136427	2.09	3.37
6.871	254696	3.90	6.30
7.511	467813	7.16	11.57
9.838	600252	9.19	14.84
17.172	4044957	61.91	100.00

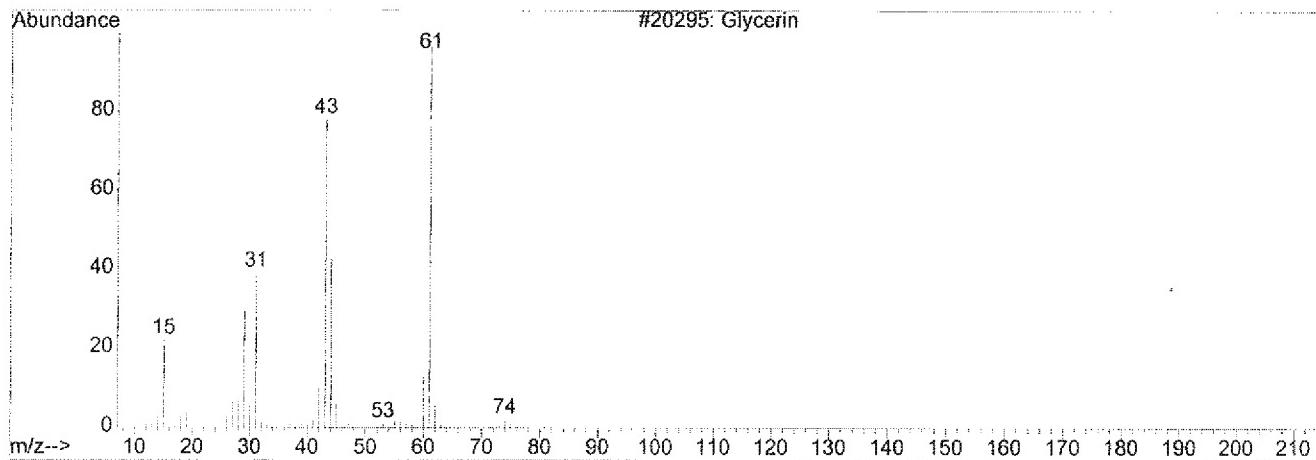
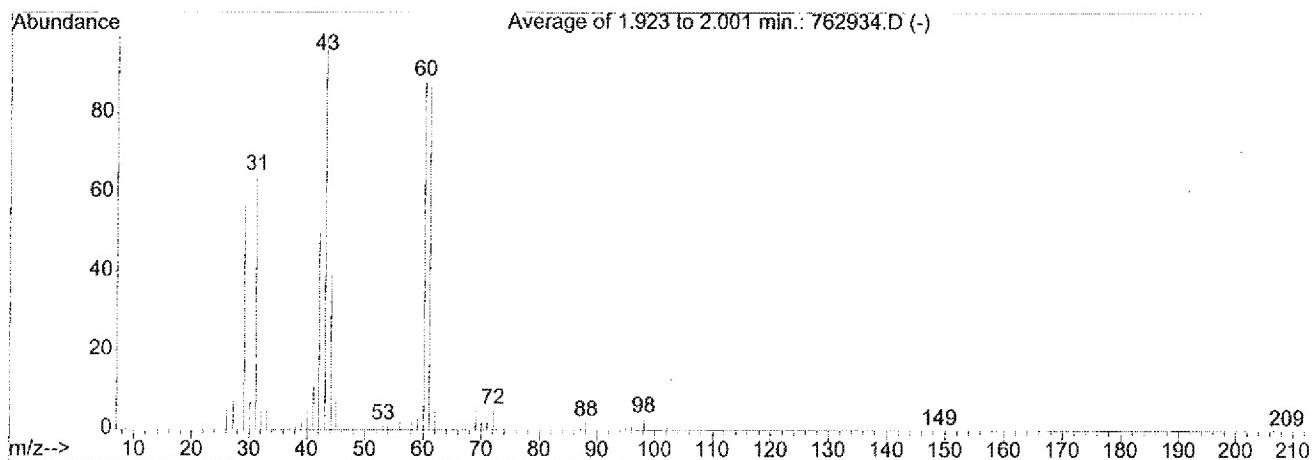
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	1.95	C:\DATABASE\NIST98.L		
		Glycerin	000056-81-5	43
		Diglycolic acid	000110-99-6	43
		1,2-Ethanediol, diformate	000629-15-2	38



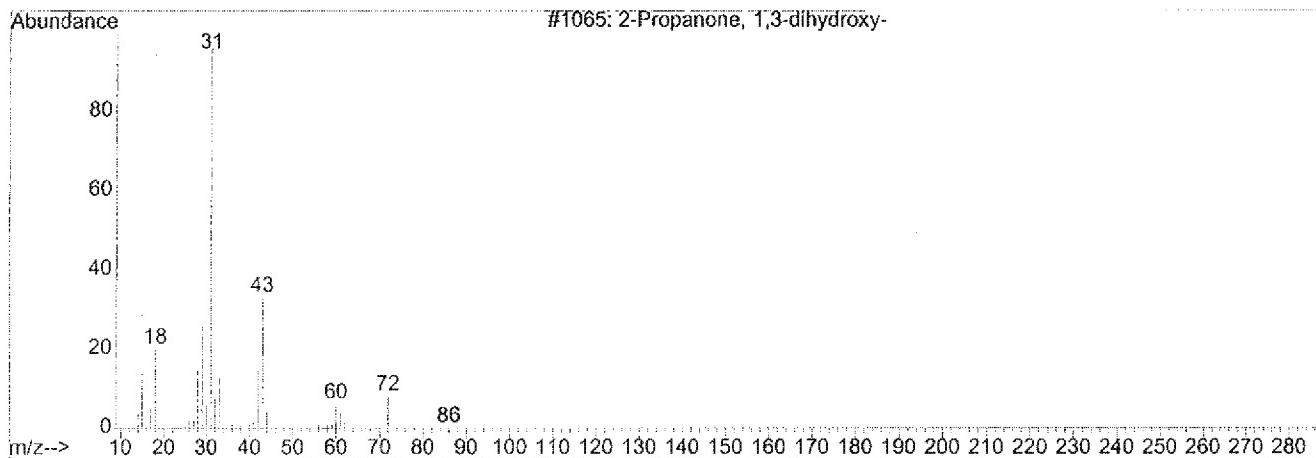
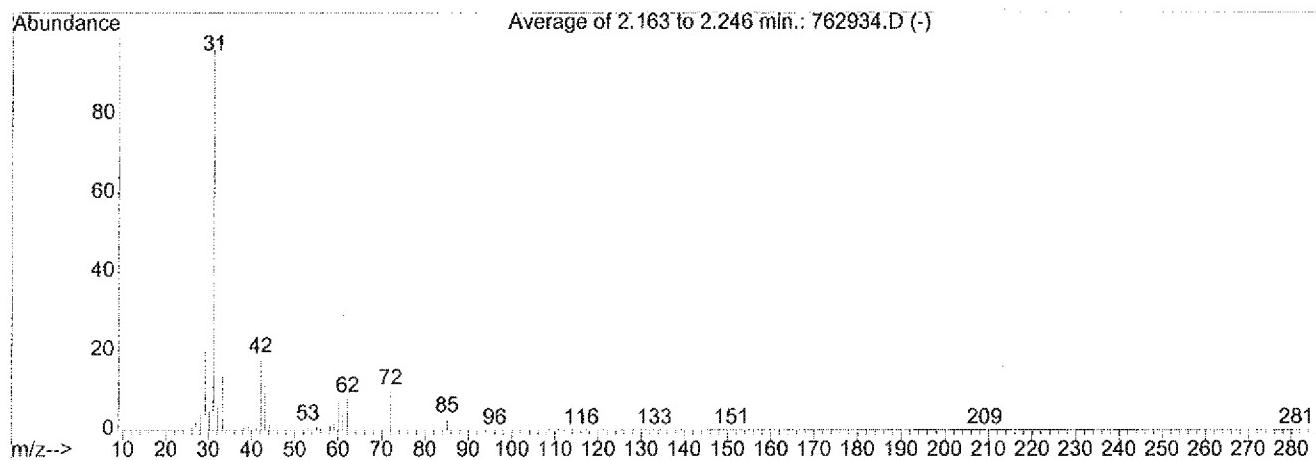
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	2.19	C:\DATABASE\NIST98.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		Acetaldehyde, hydroxy-	000141-46-8	42
		Acetic acid, hydroxy-, methyl ester	000096-35-5	38



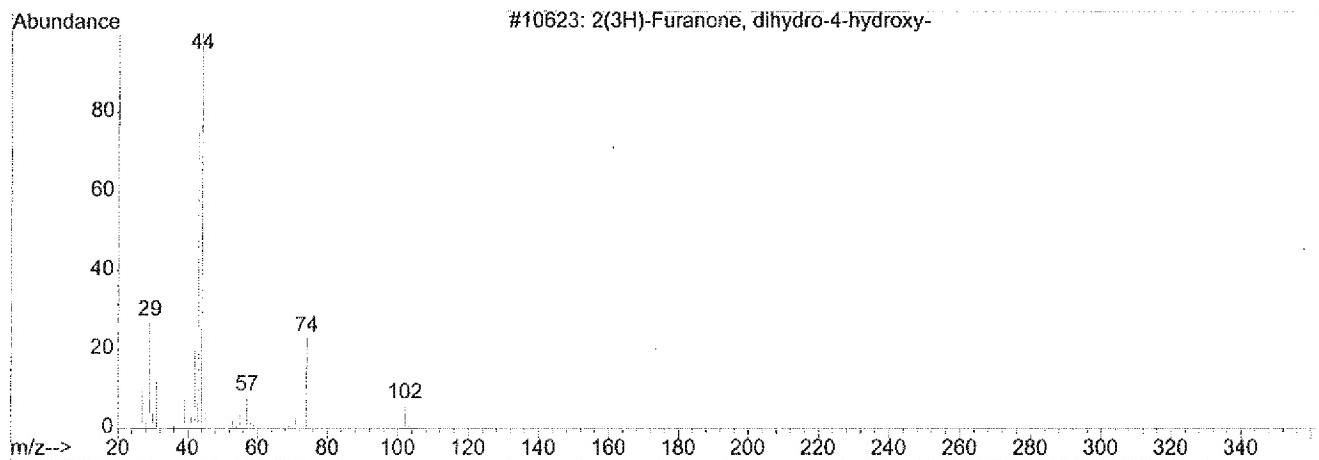
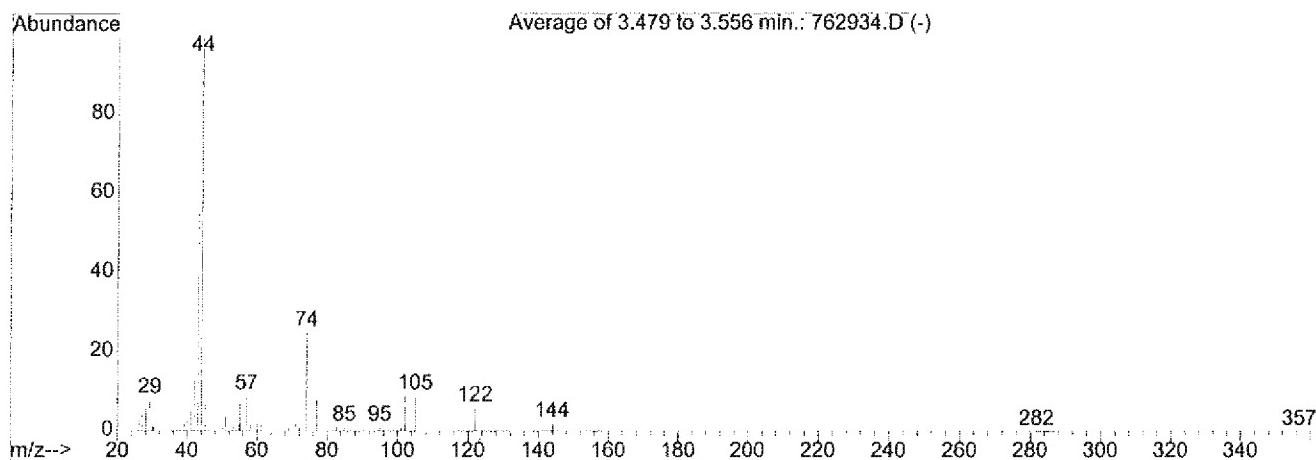
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
3	3.50	C:\DATABASE\NIST98.L		
		2 (3H)-Furanone, dihydro-4-hydroxy-	005469-16-9	64
		2-Propanamine	000075-31-0	50
		Urea, N,N'-bis(1-methylethyl)-	004128-37-4	49



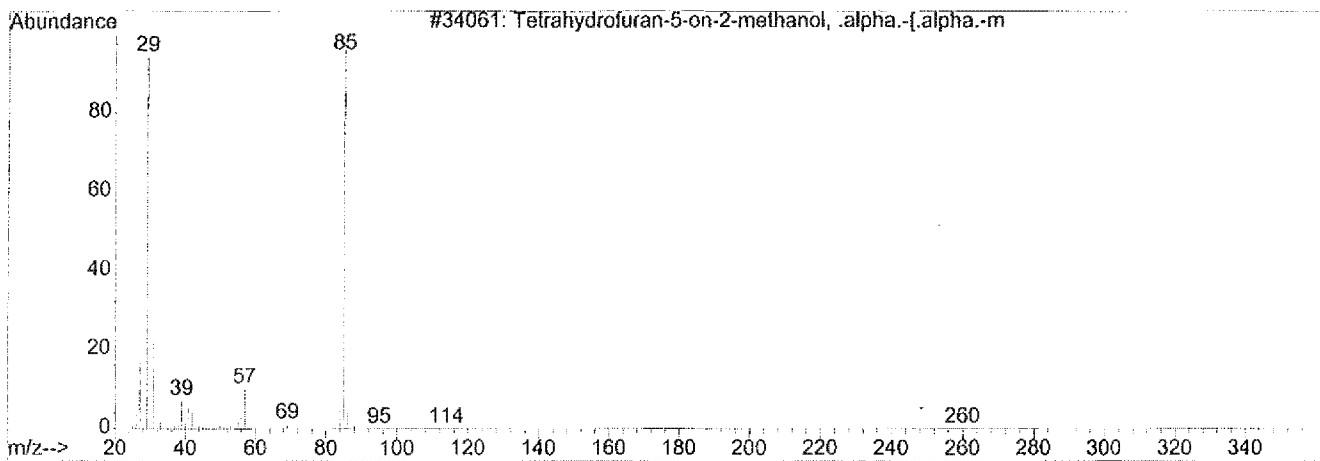
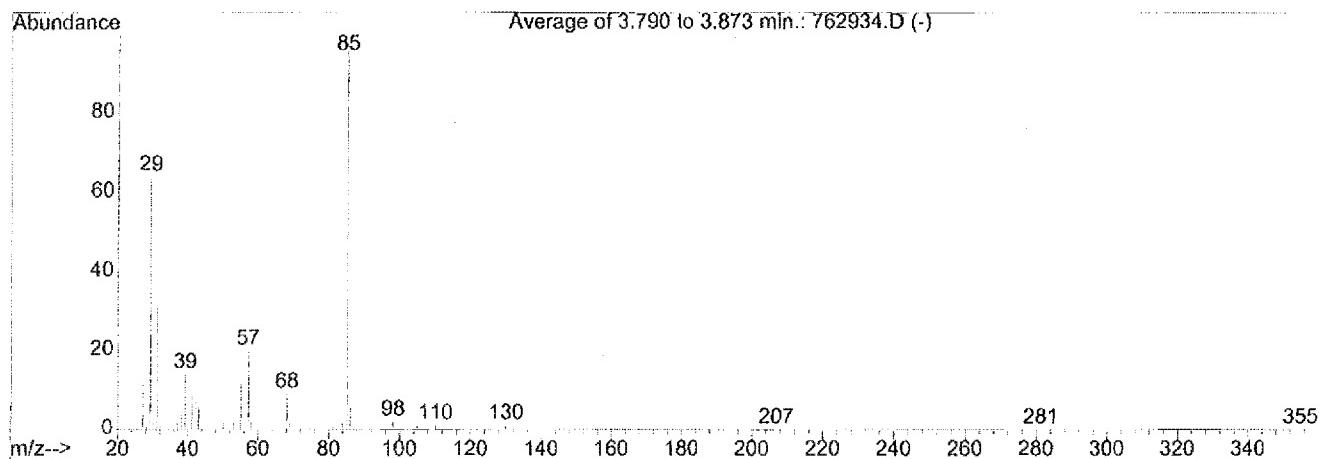
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
4	3.81	C:\DATABASE\NIST98.L		
		Tetrahydrofuran-5-on-2-methanol, .a	1000192-28-3	64
		Pentanal, 5-[(tetrahydro-2H-pyran-2	014194-86-6	45
		(S)-(+)-2',3'-Dideoxyribonolactone	032780-06-6	45



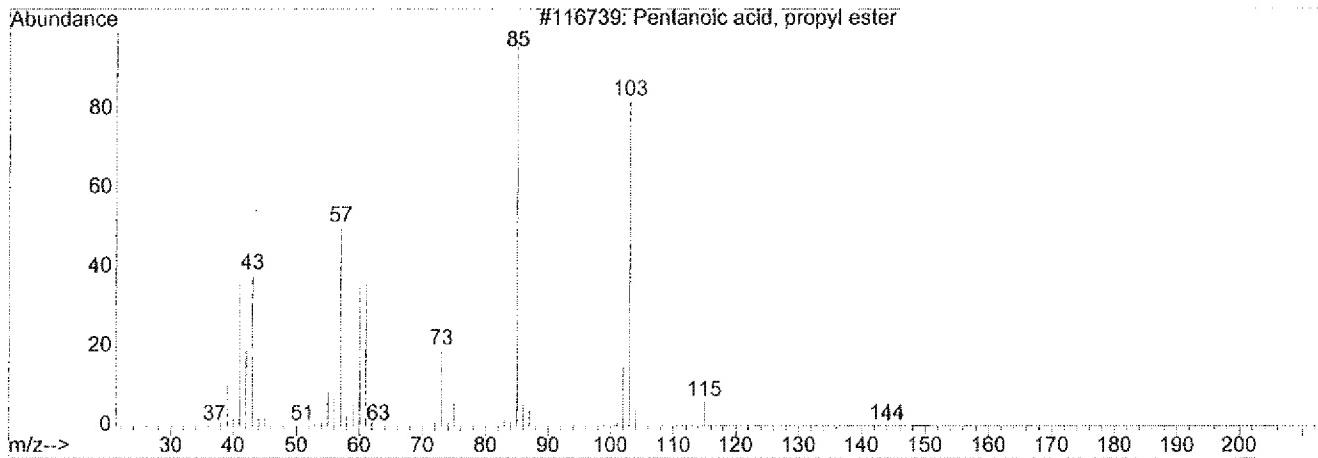
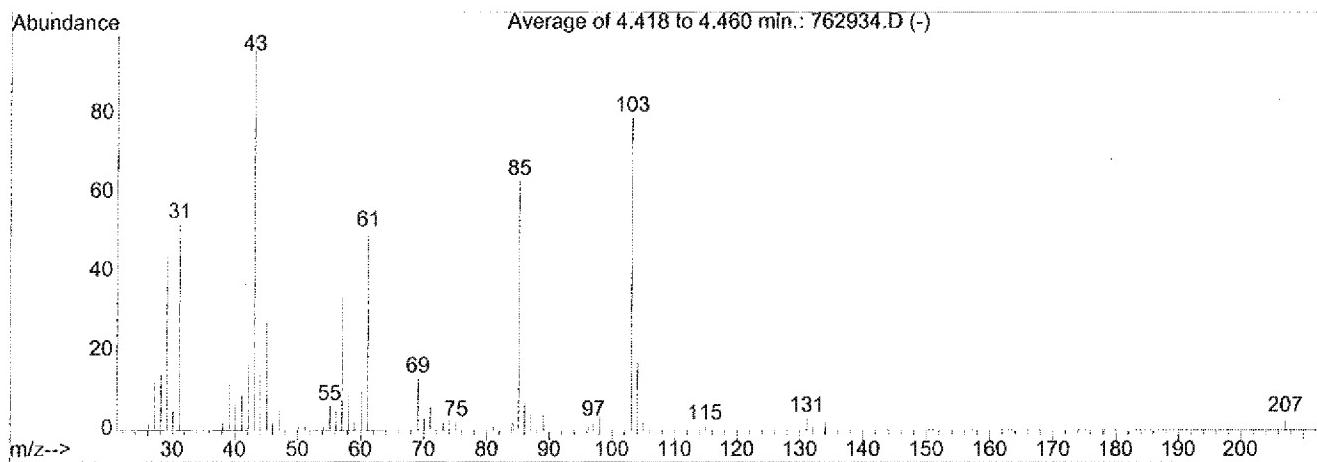
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
5	4.44	C:\DATABASE\NIST98.L		
		Pentanoic acid, propyl ester	000141-06-0	40
		Hexyl isovalerate	010632-13-0	40
		Butanoic acid, 3-oxo-, 2-methylprop	007779-75-1	38



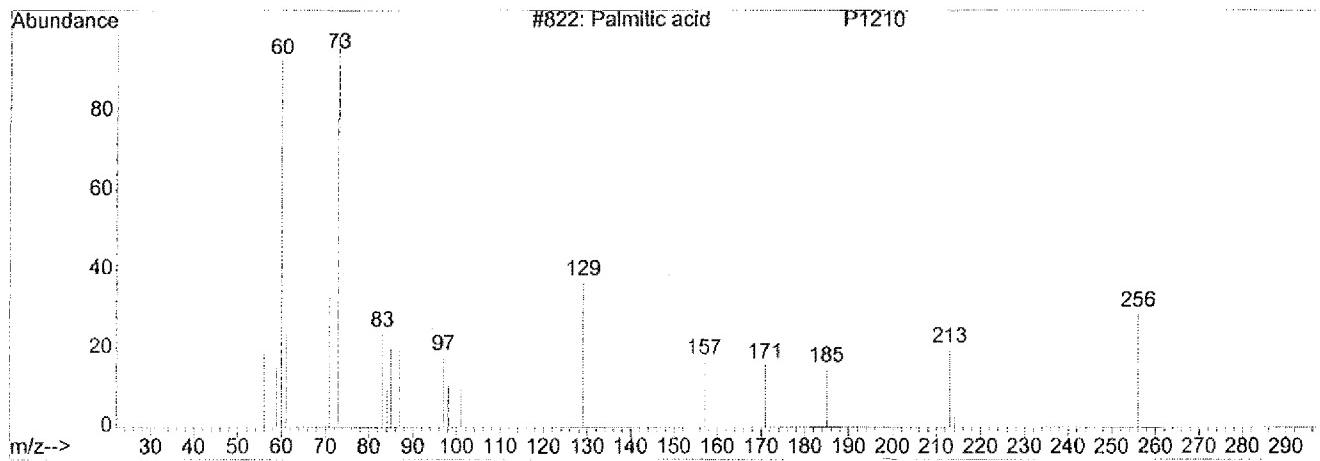
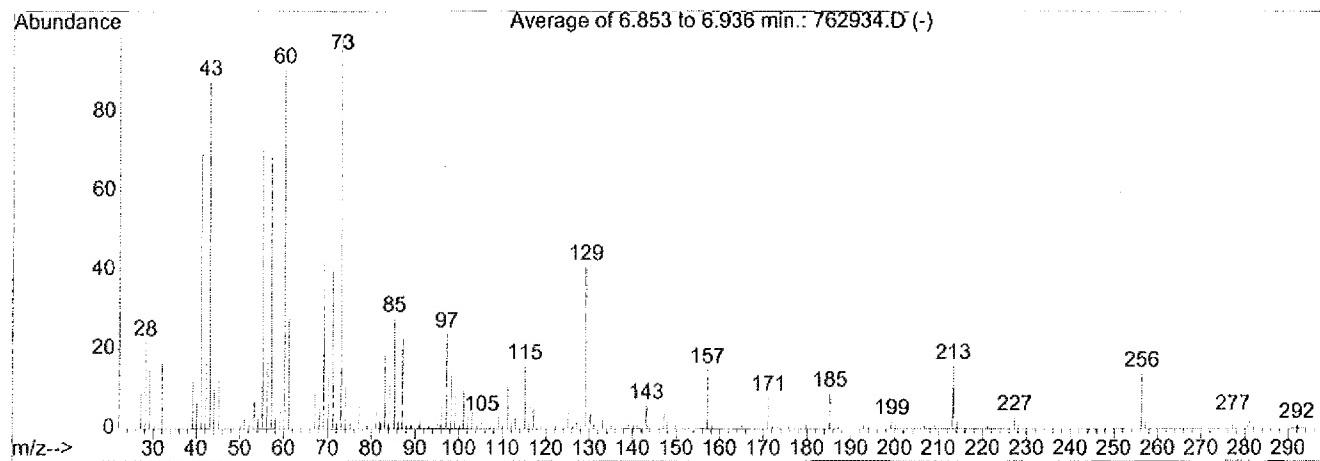
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
 Operator : DJR
 Date Acquired : 29 Dec 2010 20:24
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 34
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
6	6.87	C:\DATABASE\PMW_TOX2.L		
		Palmitic acid	000057-10-3	94
		Myristic acid	000544-63-8	43
		Acetic acid	000064-19-7	9



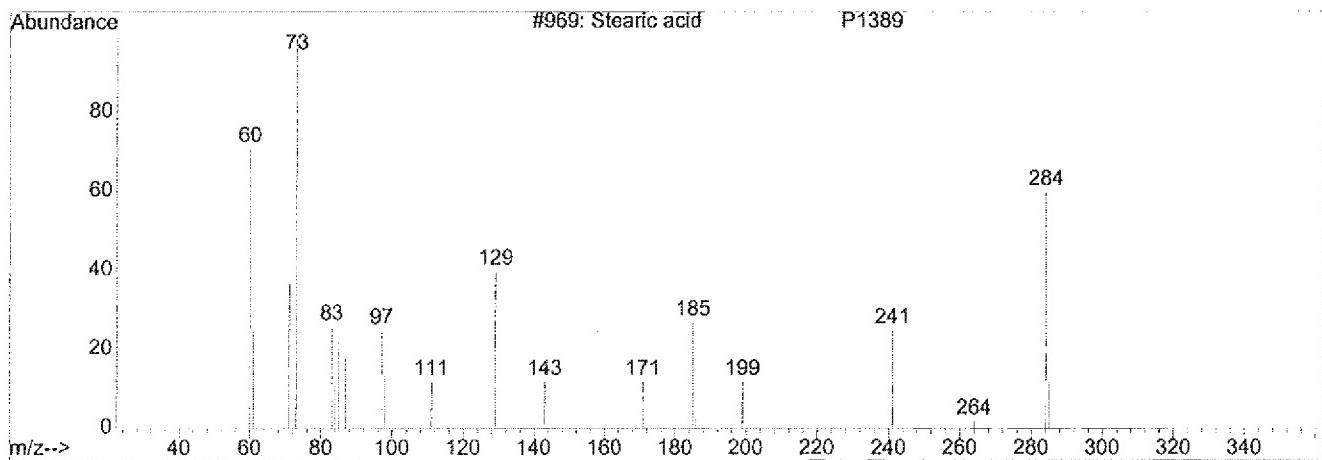
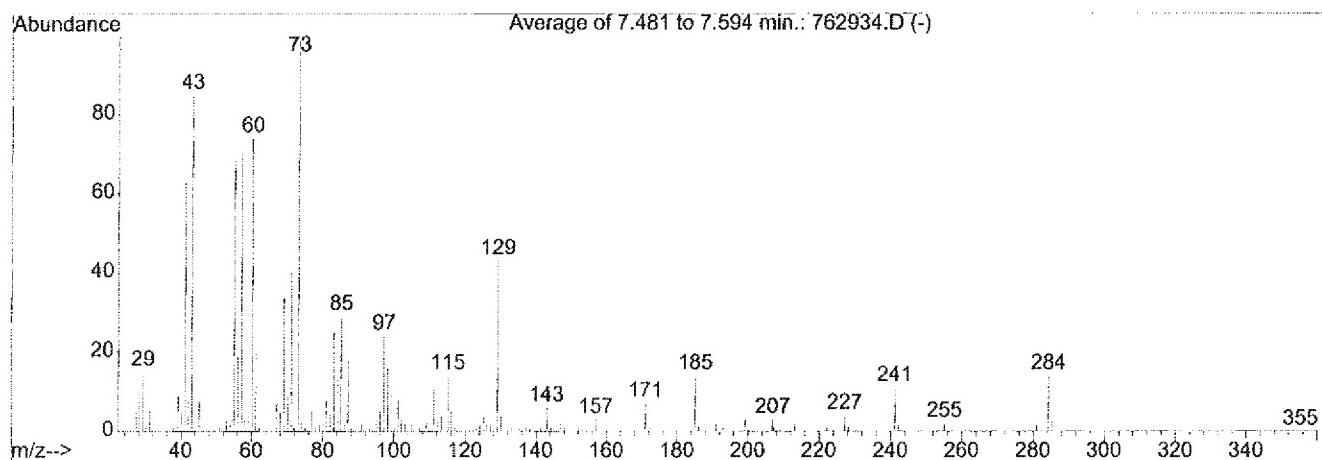
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
7	7.51	C:\DATABASE\PMW_TOX2.L		
		Stearic acid	000057-11-4	91
		Myristic acid	000544-63-8	58
		Tridecane	000629-50-5	10



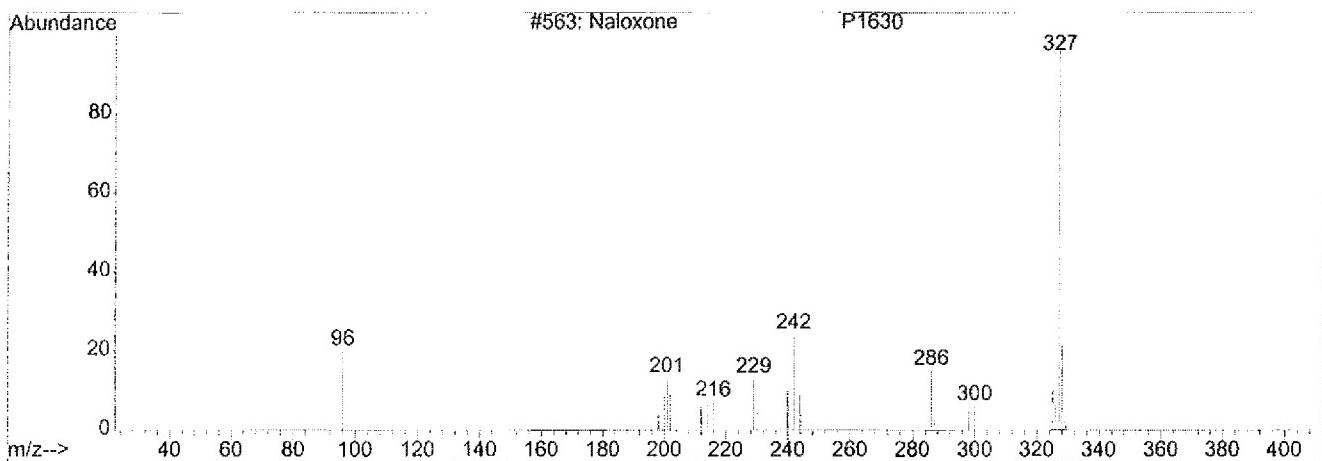
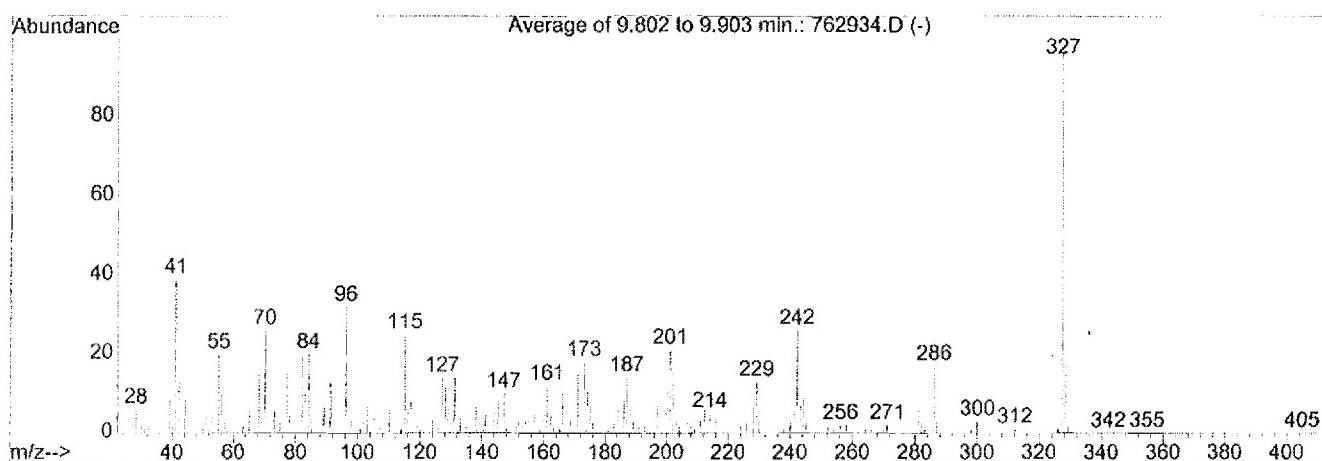
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator : DJR
Date Acquired : 29 Dec 2010 20:24
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: WSCREEN
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
8	9.84	C:\DATABASE\PMW_TOX2.L		
		Naloxone	000465-65-6	90
		Heroin-M (3-acetyl-morphine)	000000-00-0	38
		Naloxone AC	000000-00-0	33



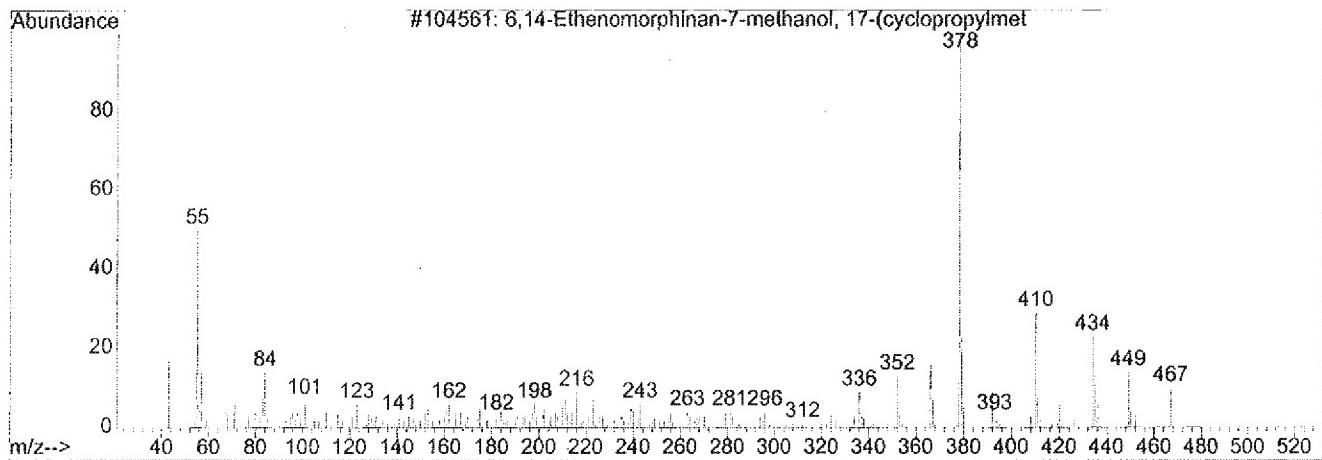
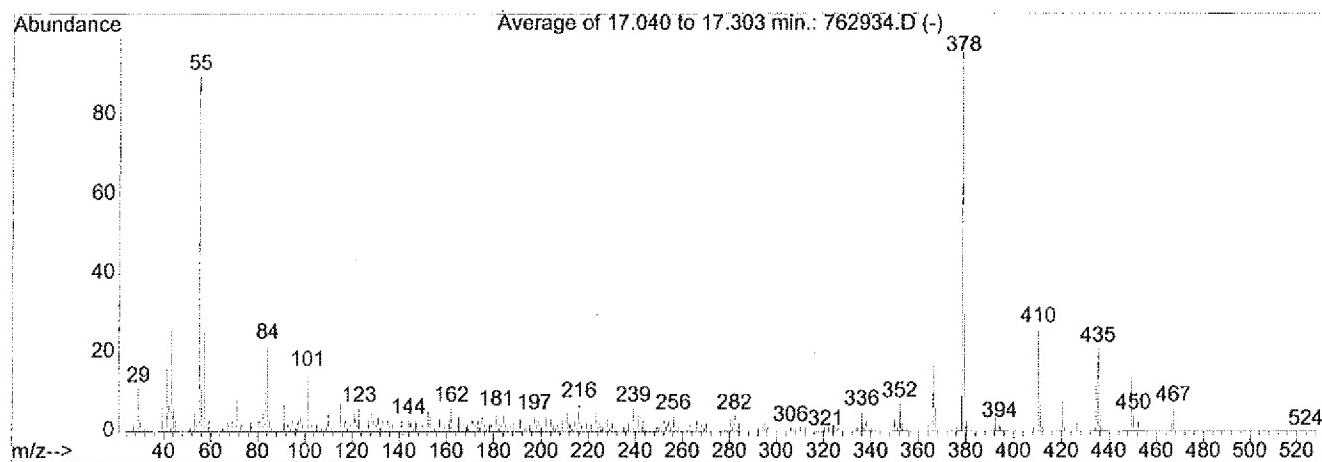
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
 Operator : DJR
 Date Acquired : 29 Dec 2010 20:24
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 34
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

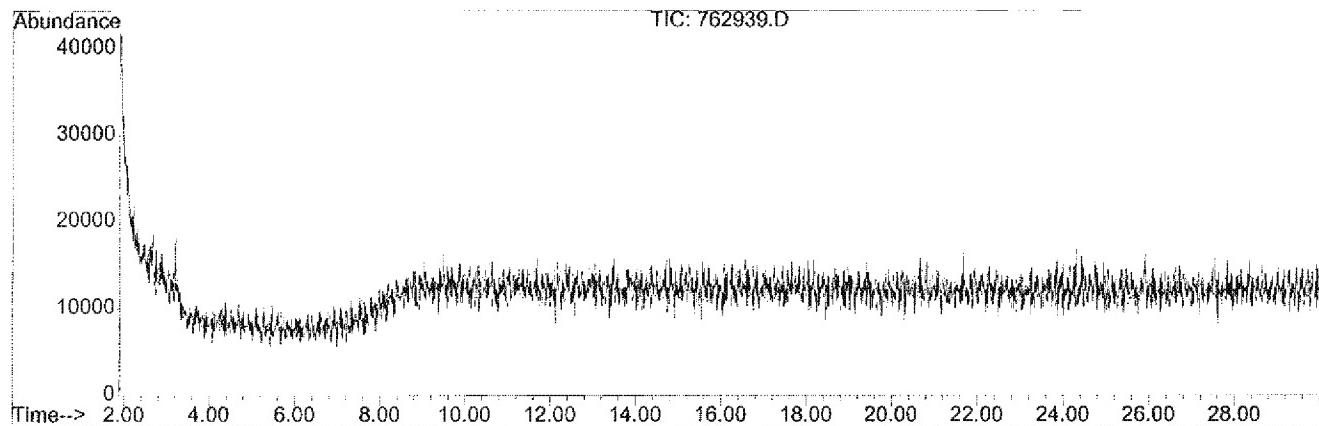
PK#	RT	Library/ID	CAS#	Qual
9	17.17	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	96
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	90
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	50



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762939.D
Operator : DJR
Date Acquired : 29 Dec 2010 23:14
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: WSCREEN
Integrator : RTE



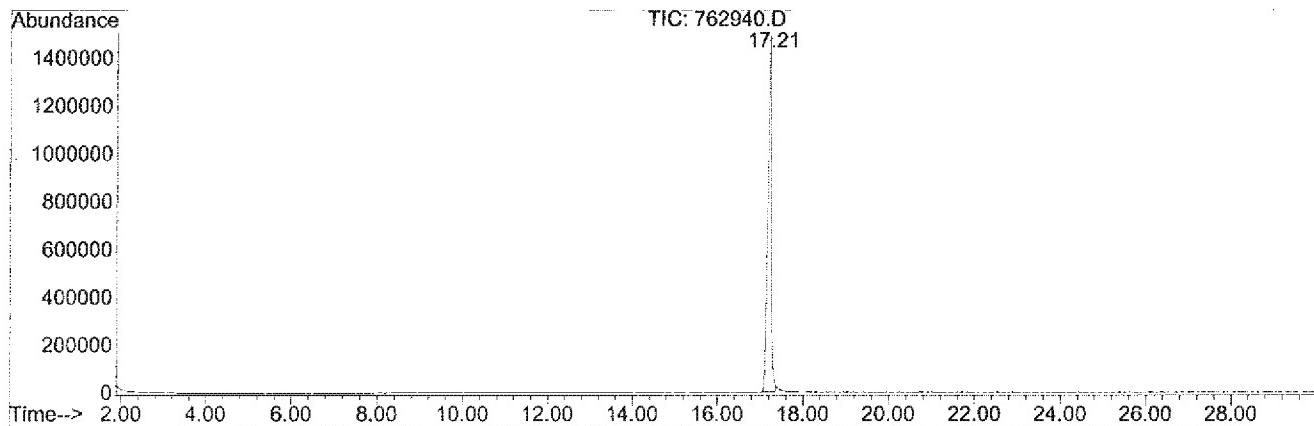
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762940.D
Operator : DJR
Date Acquired : 29 Dec 2010 23:49
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 31
AcquisitionMeth: WSCREEN
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
17.213	8123243	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_29_10\762940.D
 Operator : DJR
 Date Acquired : 29 Dec 2010 23:49
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 31
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries:	C:\DATABASE\SLI.L	Minimum Quality: 90
	C:\DATABASE\PMW_TOX2.L	Minimum Quality: 90
	C:\DATABASE\NIST98.L	

PK#	RT	Library/ID	CAS#	Qual
1	17.21	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	96
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	83
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	50

